

Algebra 2 GHP
Problem Solving – Unit 7

Name _____

Notes:

1. Carlos can travel 40 miles on his motorbike in the same time it takes Jen to travel 15 miles on his bicycle. If Jen rides her bicycle 20mi/h slower than Carlos rides his motorbike, find the rate of each bike.
2. Shelley can paint the outside of a house in 8 hours. Karen can do it in 4 hours. How long will it take then to do the job together?
3. A pharmacist has 8 L of a 6% alcohol solution. How much water should be added to obtain a 4% alcohol solution?